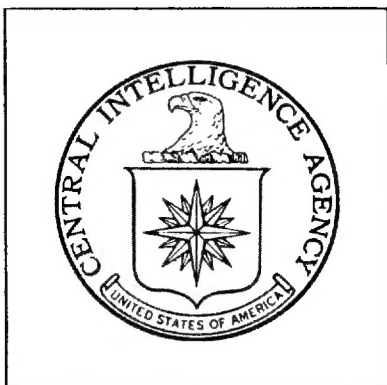


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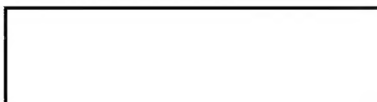
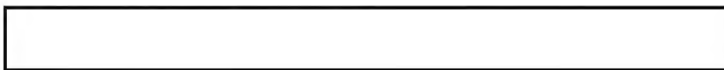
**DIRECTORATE OF  
INTELLIGENCE**

## *Imagery Analysis Report*

**Petrovka Shipyard**

**DECLASS REVIEW by NIMA/DOD**

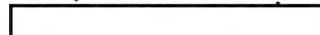
**Petrovka, USSR**



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IMAGERY ANALYSIS SERVICE

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PETROVKA SHIPYARD

PETROVKA, USSR

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## IMAGERY ANALYSIS SERVICE

SHIPYARD : PETROVKA SHIPYARD  
 LOCATION : PETROVKA, USSR  
 GEO COORDS: 43-07N 132-21E

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## KEY TO NUMBERED ANNOTATIONS ON FIGURE 1

1. Probable Floating Workshop (LOA approximately 230 feet)\*  
 See Annotation 1, Figure 1, [ ] and Annotation 1, Figure 1, [ ]
2. Floating Crane  
 A small possible tug is positioned to the right of this crane.  
 See Annotation 1, Figure 1, [ ]
3. Unoccupied Transporter Dock (LOA approximately 485 feet)  
 This appears to be the same transporter dock that was located here  
 on [ ] See Annotation 4, Figure 1, [ ]
4. Possible "E" Class SSGN (LOA approximately 365 feet)  
 Identification is based on the presence of two possible exhaust  
 deflector cavities. See Annotation 5, Figure 1, [ ]
5. Possible Auxiliary (LOA approximately 290 feet)  
 See Annotation 8, Figure 1, [ ]
6. Possible "E" Class SSGN (could not be measured)  
 Identification is based on the presence of imagery which may equate  
 to exhaust deflectors, and the stern configuration.
7. Floating Crane
8. Probable ZEYA Class YRSN (LOA approximately [ ]  
 See Annotation 13, Figure 1, [ ]
9. Floating Crane
10. Floating Crane
11. Transporter Dock (LOA approximately 365 feet)  
 This dock is unoccupied. One unidentified object on the quay is cast-  
 ing a shadow across the width of the dock for a length of approximately  
 75 feet.

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\* All measurements have been made by the DDI/IAS imagery analyst.

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12. Probable RADCON/DECON Barge (LOA approximately 190 feet)  
See Annotation 7, Figure 1, [REDACTED] 25X1
13. Possible AEM/ASL (LOA approximately 310 feet)  
A thin trail of smoke/steam is being emitted from the stack. See  
Annotation 9, Figure 1, [REDACTED] 25X1
14. Unidentified Auxiliary (LOA approximately 295 feet)  
See Annotation 11, Figure 5, [REDACTED] 25X1
15. Occupied Transporter Dock (LOA approximately 435 feet)  
A possible submarine occupies the entire length of the dock. A  
white reflection is still visible in the vicinity of the previously  
identified peaked-roof shed. See Annotation 10, Figure 1, [REDACTED] 25X1
16. Possible Submarine (could not be measured)  
See Annotation 11, Figure 1, [REDACTED] 25X1
17. Possible Submarine (could not be measured)  
The stern configuration is similar to that of an "E" Class SSGN;  
however, no exhaust cavities or other recognition features are  
visible.
18. Possible "H" Class SSBN (could not be measured)  
Identification is based on the length and placement of the possible  
sail. See Annotation 13, Figure 1, [REDACTED] 25X1
19. Possible OTLICHNYY Class AG (LOA approximately 385 feet)  
This vessel was not identified on [REDACTED] due 25X1  
to the poor quality of the photography. It may have been in this  
same location on that mission. This auxiliary may provide a particular  
service for nuclear submarines due to its close association with them  
in the past. [REDACTED] this vessel (then 25X1  
identified as a SKORYY Class AGT) had an "E-II" Class SSGN moored  
outboard of it. See Annotations 10 and 11, Figure 4, [REDACTED] A 25X1  
possible large submarine was moored inboard of it on [REDACTED] 25X1  
See Annotations 6 and 7, Figure 3, [REDACTED] This same berthing 25X1  
arrangement appears to have remained constant with the possible large  
submarine identified as an "E-II" Class SSGN on [REDACTED] 25X1  
See Annotations 2 and 3, Figure 3, [REDACTED] At present a possible 25X1  
"H" Class SSBN is moored inboard of it and a submarine support barge  
is moored outboard of it (Annotations 18 and 20 of this report). The  
exact function of this auxiliary cannot be determined. It may be used  
to provide steam or power for the submarine, or it might be used in  
the nature of a work barge.

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## IMAGERY ANALYSIS SERVICE

20. Rectangular Submarine Support Barge (LOA approximately 190 feet)  
See Annotation 13, Figure 1, [REDACTED]
21. Possible OKHTENSKIY Class ATR (LOA approximately 155 feet)  
Identification is based on the overall configuration and length of this vessel.
22. Possible Submarine (LOA approximately 375 feet)  
A rectangular object in the amidships area of this possible submarine equates to the opening into the pressure hull of the "E-I" Class SSGN shown in Figure 4A of [REDACTED] See also  
Annotation 21, Figure 1, [REDACTED]
23. Probable Surface Combatant (LOA approximately 295 feet)  
Identification is based on length and hull shape. This is the first identification of this vessel on the repair ways.
24. Occupied Repair Way  
An unidentified possible combatant with an overall length of approximately 270 feet is nearest the transverser, and a 190-foot possible submarine support barge is under construction at the head of the ways. See  
Annotation 25, Figure 1, [REDACTED]
25. The Possible 120-Foot Pier Sections  
The overall length of this linear imagery is approximately 360 feet with no sectional break or separation visible.
26. Possible "T-58" Class MSF (LOA approximately 230 feet)  
See Annotation 16, Figure 1, [REDACTED]
27. Possible PETYA Class PCE (LOA approximately 270 feet)  
See Annotation 15, Figure 1, [REDACTED]

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## KEY TO FACILITY ANNOTATIONS ON FIGURE 1

- A. Main Building of the Nuclear Submarine Special Support Facility.  
Between [REDACTED] a section of the roof had been removed. [REDACTED] revealed a new portion of the roof being added to this building. See Annotation E, Figure 2, of DDI/IAR-83051. Construction appears to have continued on the roof at a slow rate until [REDACTED] See Annotation B, Figure 1, [REDACTED] Since then that section of the roof has been removed and two new sections, one on each side of the building, are being constructed.
- B. Quay Under Construction  
The construction on the face of the quay now appears to be complete. The length is roughly 1060 feet which is approximately the length of

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the quay at the Severodvinsk Nuclear Submarine Special Support Facility. Construction is now occurring at a right angle to it and approximately 50 feet from the present shoreline. See Annotation A, Figure 1.

- C. Building  
 The roof of this building appears to be approximately 70 percent re-surfaced.



FIGURE 1. PETROVKA SHIPYARD, PETROVKA, USSR.

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REFERENCES

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Documents

25X1

1. CIA PIR-73048, Petrovka Shipyard, Petrovka, USSR, Mission

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2. CIA DDI/IAR-83038, Petrovka Shipyard, Petrovka, USSR, Mission

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4. CIA DDI/IAR-83053, Petrovka Shipyard, Petrovka, USSR, Mission

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5. CIA DDI/IAR-83024, Petrovka Shipyard, Petrovka, USSR, Mission

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6. CIA DDI/IAR-83065, Petrovka Shipyard, Petrovka, USSR, Mission

Requirement

C-SRB-84,556

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